



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/523,437	03/10/2000	Kazuhiro Fukuda	SONYJP 3.0-108	5273
530	7590	11/14/2006	EXAMINER	
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK 600 SOUTH AVENUE WEST WESTFIELD, NJ 07090			PAULA, CESAR B	
			ART UNIT	PAPER NUMBER
			2178	

DATE MAILED: 11/14/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/523,437

Applicant(s)

FUKUDA, KAZUHIRO

Examiner

CESAR B. PAULA

Art Unit

2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 August 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2 and 5-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-2, and 5-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to the amendment filed on 8/24/2006.

This action is made Final.

2. In the amendment, claims 1-2, and 5-12 are pending in the case. Claims 1, and 7-12 are independent claims.

Priority

3. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d), and based on application # 11 076598 filed in Japan on 3/19/1999, which papers have been placed of record in the file.

Drawings

4. The drawings filed on 3/10/2000 have been approved by the examiner.

Claim Rejections - 35 USC § 112

5. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

6. Claims 1, and 7-12 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not

Art Unit: 2178

described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The claims recite “define shared scenes, said **shared scenes** being virtual scenes formed in accordance with an internal format and **used to form the final scenes**, each of the shared scenes comprising one or more shared objects that are controllable for display to create **final scenes independent of the defined shared scenes** in which the shared objects are displayed” *2nd parag*. Claim 12 also contains equivalent language in paragraph 2. The Examiner has failed to find in the specification where the final scenes are independent of the individual shared scenes that make it up. By definition, the final scenes cannot be independent from the shared scenes, since the final scenes comprise a conglomeration of these share scenes.

7. Claims 1, and 7-12 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. The claims recite “define shared scenes, said **shared scenes** being virtual scenes formed in accordance with an internal format and **used to form the final scenes**, each of the shared scenes comprising one or more shared objects that are controllable for display to create **final scenes independent of the defined shared scenes** in which the shared objects are displayed” *2nd parag*. Claim 12 also contains equivalent language, in paragraph 2. The Examiner has failed to find in the specification where the final scenes are independent of the individual shared scenes that make it up, as to enable one of ordinary skill in the art to perform such limitation. By definition, the final scenes

Art Unit: 2178

cannot be independent from the shared scenes, since the final scenes comprise a conglomeration of these share scenes.

8. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

9. Claims 1, and 7-12 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The claims recite “define shared scenes, said **shared scenes** being virtual scenes formed in accordance with an internal format and **used to form the final scenes**, each of the shared scenes comprising one or more shared objects that are controllable for display to create **final scenes independent of the defined shared scenes** in which the shared objects are displayed” *2nd parag.* Claim 12 also contains equivalent language in paragraph 2. It is not clear how the final scenes are independent from the individual shared scenes that make it up. By definition, the final scenes cannot be independent from the shared scenes, since the final scenes comprise a conglomeration of these share scenes.

Claim Rejections - 35 USC § 102

10. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

11. Claims 1-2, and 5-12 remain rejected under 35 U.S.C. 102(b) as being anticipated by

Klingler et al, hereinafter Klingler (USPat.# 5,682,326, 10/28/1997).

Regarding independent claim 1, Klingler teaches collection of selected video reference clips in accordance with a program--*predetermined specification*. The reference clips include reference to source clips including in and out frame points to from a movie. A final movie file, including the selected clips, is created in the Quicktime format(*internal format*). The clip scenes contain objects independently presented, such as video, audio, effects, etc. that make up the movie, which is to be displayed— *a shared-scene creation module operable allow the editor to define shared scenes, said shared scenes being virtual scenes formed in accordance with an internal format and used to form the final scenes, each of the shared scenes comprising one or more shared objects that are controllable for display to create final scenes independent of the defined shared scenes in which the shared objects are displayed in accordance with the predetermined specification; a shared-scene processing module operable to enable the editor to select two or more shared scenes each of the selected shared scenes comprising one or more of the shared objects, to be combined for creating final scenes with the shared objects from each selected shared scene*; (col.7, lines 9-67, col.13, lines 4-34, fig.3-5).

Moreover, Klingler teaches the application of special effects filters, specified in the program, to selected clips by specifying parameters for the frames— *an application creation module operable to describe control information in accordance with the internal format based on the shared scenes set by the editor via said shared-scene creation and processing module* (col.8, lines 19-67).

Moreover, Klingler teaches the organization, and display of the clips into a project window. The clip scenes contain objects, such as video, audio, effects, etc. that make up the

Art Unit: 2178

movie, which is to be displayed. The user can select scenes that contain objects to be presented to a user at the same time, as outlined by a timeline — *an output control module for converting the control information into shared object control information for forming the final scenes in which the shared objects selected by combining shared scenes are specified for display at the same time in the final scenes in accordance with said the predetermined specification*(col.7, lines 21-67, fig.3-5).

Regarding claim 2, which depends on claim 1, Klingler teaches the organization of the clips into a meaningful sequence of clips and filters in which they are to appear in a movie in accordance to a program's instruction— *said shared-scene processing module further specifies an order of superposition of a plurality of said shared scenes; and said application creation module further describes said control information for controlling an order of superposition of said shared objects used for each of the final scenes as a state of utilization of shared objects in each of the final scenes in accordance with said order of superposition of said shared scenes* (col.7, lines 9-67).

Regarding claim 5, which depends on claim 9, Klingler teaches a program indicating the organization of the clips into a meaningful sequence of clips and filters in which they are to appear in a movie— *controlling utilization of the at least one shared object in each of the final scenes based upon the predetermined specification and the shared scenes* (col.7, lines 9-67).

Claim 5-6 are directed towards a method for implementing the steps of claims 1-2 respectively, and therefore are similarly rejected.

Claim 7 is directed towards an apparatus for implementing the method of claim 1, and therefore is similarly rejected.

Claim 8 is directed towards an apparatus for implementing the method of claim 1, except for *the creation of broadcast content* information, which is taught by Klingler's allowing people owning a file of the movie in Quicktime format for display—... (col.13, lines 16-34).

Claims 9-10 are directed towards a method similar to the steps of claims 1, and 8, and therefore are similarly rejected.

Claim 11 is directed towards a memory device for storing instruction, and for implementing the method of claim 1, and therefore is similarly rejected.

Regarding independent claim 12, Klingler teaches the definition, and creation video clips. The clips include in and out frame points from a movie. The clip scenes contain objects independently presented, such as video, audio, effects, etc. that make up the movie, which is to be displayed — *a shared-scene creation module operable to allow the editor to define intermediate scene templates accordance with an internal format that include one or more shared objects that are controllable in an always on or always off manner for display to create final scenes independent of the defined shared scenes in which the shared objects are displayed in accordance with a predetermined, industry-standard specification* (col.6, lines 40-67, col.7, lines 9-67, col.13, lines 4-34, fig.3-5).

Art Unit: 2178

Moreover, Klingler teaches the collection video clips. The collection includes reference clips having reference to source clips including in and out frame points to from a movie.— *a shared-scene processing module operable to enable the editor to combine two more of the intermediate scene templates to form a desired final scene that is a combination of the shared objects contained within the editor-selected intermediate scene templates* (col.7, lines 9-67).

Moreover, Klingler teaches the application of special effects filters to selected clips by specifying parameters for the video frames. The clip scenes contain objects, such as video, audio, effects, etc. that make up the movie, which is to be displayed—an *application creation module operable to form shared-scene definition statements of shared objects files in accordance with the internal format an application, the shared object files comprising shared objects from the combined editor-selected intermediate scene templates* (col.8, lines 19-67, col.7, lines 9-67, fig.3-5).

Moreover, Klingler teaches the organization, and display of the reference clips (which have references to the source clips) into a project window. The clip scenes contain objects, such as video, audio, effects, etc. that make up the movie, which is to be displayed. The user can select scenes that contain objects to be presented to a user at the same time, as outlined by a timeline —*an output control module for providing description files that include descriptions of links for controlling the shared objects from the shared object files from each editor-selected intermediate scene template, the description files forming a script that complies with the industry-standard specification to display the shared objects at the same time in the final scenes*(col.7, lines 21-67).

Response to Arguments

12. Applicant's arguments filed 8/24/2006 have been fully considered but they are not persuasive. The Applicants remark that Klingler fails to teach or suggest shared scenes which are combined to form final scents that display all of the objects from the combined shared scenes at the same time (pages 9-12). The Examiner disagrees, since Klingler teaches the organization, and display of the clips into a project window. The clip scenes contain objects, such as video, audio, effects, etc. that make up the movie, which is to be displayed. The user can select scenes that contain objects to be presented to a user at the same time in a synchronized fashion, as outlined by a timeline (col.7, lines 21-67, fig.3-5).

Conclusion

13. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Art Unit: 2178

I. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cesar B. Paula whose telephone number is (571) 272-4128. The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 4:00 p.m. (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong, can be reached on (571) 272-4124. However, in such a case, please allow at least one business day.

Information regarding the status of an application may be obtained from the Patent Application Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, go to <http://portal.uspto.gov/external/portal/pair>. Should you have any questions about access to the Private PAIR system, please contact the Electronic Business Center (EBC) at 866 217-9197 (toll-free).

Any response to this Action should be mailed to:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Or faxed to:

- (571)-273-8300 (for all Formal communications intended for entry)



CESAR PAULA
PRIMARY EXAMINER

11/13/06